

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number
WO 2005/084536 A1

(51) International Patent Classification⁷: **A61B 5/029**,
5/026, G06F 19/00

(21) International Application Number:
PCT/AU2005/000311

(22) International Filing Date: 4 March 2005 (04.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2004901161 5 March 2004 (05.03.2004) AU

(71) Applicant and

(72) Inventor: **O'ROURKE, Michael, Francis** [AU/AU];
Suite 810, St Vincent's Clinic, 438 Victoria Street, Dar-
linghurst, New South Wales 2010 (AU).

(74) Agent: **MAXWELL, Peter**; Peter Maxwell & Associates,
Level 6, 60 Pitt Street, Sydney, New South Wales 2000
(AU).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

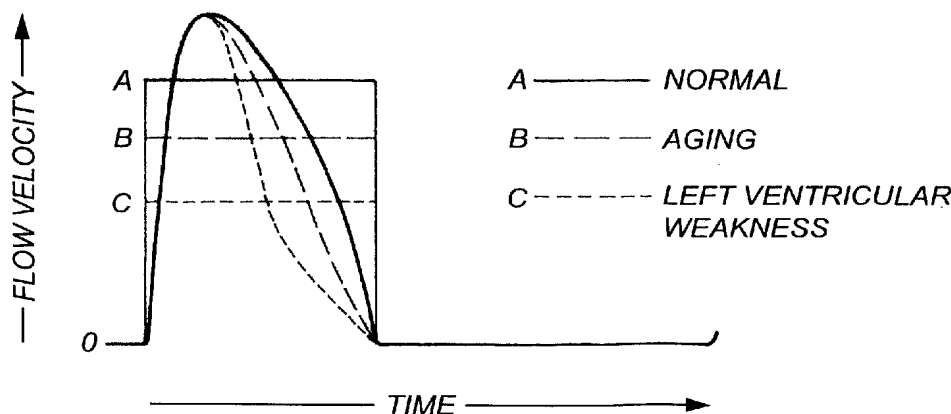
Published:

— with international search report

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR DETERMINATION OF CARDIAC OUTPUT FROM THE ARTERIAL PRES-
SURE PULSE WAVEFORM

$$V = \frac{P1}{1.05 \cdot C}$$



(57) Abstract: A method for calculating aortic flow velocity from the directly or indirectly measured arterial, aortic, or carotid pressure and/or diameter waveform in which the reflected component of the pressure wave is excluded and the peak systolic flow velocity V is calculated from the amplitude $P1$ of the central pressure waveform using the formula (I) where C is the aortic pulse wave velocity.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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